

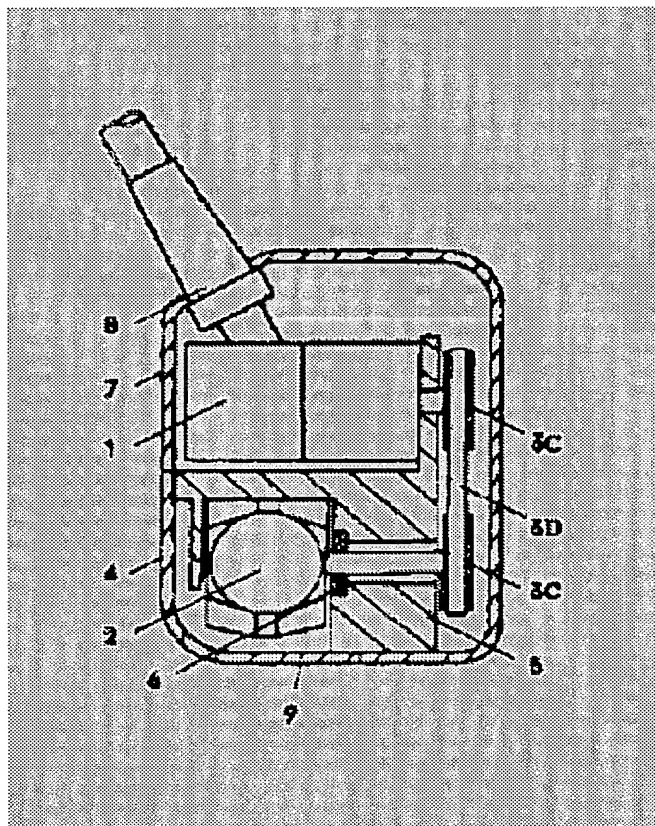
MECHANICAL SCAN TYPE ULTRASONIC PROBE

Patent number: JP4322642
Publication date: 1992-11-12
Inventor: KIMAZUKA MICHIO; HASEGAWA SHIGEYOSHI;
FUJII KIYOSHI
Applicant: MATSUSHITA ELECTRIC IND CO LTD
Classification:
- international: A61B8/00; G01N29/24; G01N29/26
- european:
Application number: JP19910090495 19910422
Priority number(s): JP19910090495 19910422

Report a data error here

Abstract of JP4322642

PURPOSE: To eliminate a long cycle of image oscillation on a display screen by setting the number of teeth on the drive and driven sides of a transmission mechanism to an integer ratio. **CONSTITUTION:** A toothed pulley 3B and a toothed belt 3C are used as mechanism for transmitting a driving force of a motor 1 with an encoder to an ultrasonic vibrator 2. When a number of tooth ratio between the toothed pulley 3B and the toothed belt 3C is set at 1:N (N=integer), the toothed pulley 3B is meshed with the original teeth at a rotation of N and proportionally, one cycle of oscillation of a display image corresponds to the N rotation of the ultrasonic vibrator. As the oscillation cycle of the display image is shorter, the oscillation can not be checked sensorially and thus, the number of teeth ratio N is preferably smaller.



Data supplied from the **esp@cenet** database - Worldwide